

Claims:

1. A disconnection device for disconnecting a tool and a pipe string, the device comprising a first connection part releasably connected to a second connection part by means of a locking device and a release object, wherein at least a section of the release object is soluble.
2. The disconnection device according to claim 1, wherein the release object is soluble in an acid.
3. The disconnection device according to claim 1, wherein the release object is soluble in a base.
4. The disconnection device according to claim 1, wherein the release object is soluble in a solvent.
5. The disconnection device according to claim 1, wherein the release object is connected to a pipe.
6. The disconnection device according to claim 1, wherein the release object forms a portion of a hydraulic circuit.
7. A method of disconnecting a tool and a pipe string using a disconnection device comprising a first connection part releasably connected to a second connection part by means of a locking device and a release object, wherein a fluid is supplied to the release object so as to dissolve at least a section of the material of the release object.